

[TITLE]

;;Project Title/Notes

[OPTIONS]

```

;;Option      Value
FLOW_UNITS    CFS
INFILTRATION  MODIFIED_HORTON
FLOW_ROUTING  STEADY
LINK_OFFSETS  DEPTH
MIN_SLOPE     0
ALLOW_PONDING NO
SKIP_STEADY_STATE NO

```

```

START_DATE    03/05/1970
START_TIME    00:00:00
REPORT_START_DATE 01/01/1971
REPORT_START_TIME 00:00:00
END_DATE      12/29/2006
END_TIME      14:00:00
SWEEP_START   01/01
SWEEP_END     12/31
DRY_DAYS      0
REPORT_STEP   24:00:00
WET_STEP      00:05:00
DRY_STEP      01:00:00
ROUTING_STEP  0:00:30
RULE_STEP     00:00:00

```

```

INERTIAL_DAMPING PARTIAL
NORMAL_FLOW_LIMITED BOTH
FORCE_MAIN_EQUATION H-W
VARIABLE_STEP    0.75
LENGTHENING_STEP 0
MIN_SURFAREA     12.566
MAX_TRIALS        8
HEAD_TOLERANCE   0.005
SYS_FLOW_TOL     5
LAT_FLOW_TOL     5
MINIMUM_STEP     0.5
THREADS          1

```

[FILES]

```

;;Interfacing Files
SAVE RAINFALL "Rain - 053007.dat"

```

[EVAPORATION]

```

;;Data Source  Parameters
;;-----
MONTHLY        0.13    0.17    0.26    0.31    0.35    0.41    0.41    0.35    0.31    0.23    0.16
0.13
DRY_ONLY       NO

```

[RAINGAGES]

```

;;Name      Format      Interval SCF      Source
;;-----
053005      INTENSITY 1:00      1.0      FILE      "Rain - 053005.dat" 053005      IN

```

[SUBCATCHMENTS]

```

;;Name      Rain Gage      Outlet      Area      %Imperv      Width      %Slope      CurbLen
SnowPack
;;-----
1           053005           25           848.20     16.789       369477.5788 2
0

```

2	053005	25	634.12	41.63	276223.0922	2
0						
3	053005	25	403.72	35.06	175859.2994	2
0						
4	053005	25	805.64	45.9	350939.5241	2
0						
5	053005	25	626.12	35.75	272741.3797	2
0						
6	053005	25	617.57	18.4	269016.1586	2
0						
7	053005	25	4006.24	18.3961	1745166.619	2
0						

[SUBAREAS]

Subcatchment	N-Imperv	N-Perv	S-Imperv	S-Perv	PctZero	RouteTo	PctRouted
1	0.015	0.1	.10	.30	25	OUTLET	
2	0.015	0.1	.10	.30	25	OUTLET	
3	.015	0.1	.10	.30	25	OUTLET	
4	0.015	0.1	.10	.30	25	OUTLET	
5	.015	0.1	.10	.30	25	OUTLET	
6	0.015	0.1	.10	.30	25	OUTLET	
7	0.015	0.1	.10	.30	25	OUTLET	

[INFILTRATION]

Subcatchment	MaxRate	MinRate	Decay	DryTime	MaxInfil
1	1	.05	2	7	0
2	1	.05	2	7	0
3	1	.05	2	7	0
4	1	.05	2	7	0
5	1	.05	2	7	0
6	1	.05	2	7	0
7	1	.05	2	7	0

[OUTFALLS]

Name	Elevation	Type	Stage Data	Gated	Route To
25	0	FREE		NO	

[REPORT]

;;Reporting Options
 SUBCATCHMENTS ALL
 NODES ALL
 LINKS ALL

[TAGS]

[MAP]

DIMENSIONS -4827.388 0.000 14827.388 10000.000
 Units None

[COORDINATES]

Node	X-Coord	Y-Coord
25	10258.918	575.374

[VERTICES]

Link	X-Coord	Y-Coord
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[Polygons]

Subcatchment	X-Coord	Y-Coord
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1	-1110.472	6962.025
1	-707.710	6973.533
1	-546.605	6731.876
1	-155.351	6582.278
1	-132.336	6697.353
1	120.829	6651.323
1	350.978	6559.264
1	581.128	6444.189
1	535.098	6317.606
1	258.918	6329.114
1	224.396	6248.562
1	443.038	6098.964
1	546.605	5903.337
1	661.680	5949.367
1	684.695	5776.755
1	719.217	5408.516
1	-316.456	5385.501
1	-1421.174	5362.486
1	-2157.652	5327.963
1	-2065.593	5730.725
1	-2031.070	5811.277
1	-2019.563	6191.024
1	-1869.965	6283.084
1	-1869.965	6421.174
1	-1812.428	6559.264
1	-1467.204	6662.831
1	-1121.979	6973.533
2	719.217	5339.471
2	707.710	5155.351
2	684.695	4706.559
2	707.710	4096.663
2	661.680	3521.289
2	673.188	2922.900
2	385.501	2957.422
2	281.933	3130.035
2	17.261	3037.975
2	-189.873	3256.617
2	-489.068	3486.766
2	-627.158	3728.423
2	-776.755	3728.423
2	-1018.412	4223.245
2	-983.890	5028.769
2	-1317.606	5304.948
2	-857.307	5316.456
2	-420.023	5304.948
2	684.695	5293.441
3	742.232	5304.948
3	1018.412	5339.471
3	1524.741	5373.993
3	2203.682	5397.008
3	2802.071	5339.471
3	3078.251	5327.963
3	3078.251	5258.918
3	2986.191	4971.231
3	2871.116	4372.842
3	2686.997	3705.409
3	2514.384	3072.497
3	2364.787	2566.168
3	2295.742	2105.869
3	2249.712	2071.346
3	2157.652	2209.436
3	1996.548	2416.571
3	1915.995	2566.168
3	1685.846	2658.228

3	1478.711	2727.273
3	1283.084	2784.810
3	903.337	2807.825
3	822.785	2842.348
3	730.725	2922.900
3	753.740	3360.184
3	730.725	3693.901
3	753.740	4200.230
3	707.710	4706.559
3	765.247	5281.933
4	3216.341	5247.411
4	3837.745	5270.426
4	3872.267	5005.754
4	3791.715	4372.842
4	3860.759	3751.438
4	3837.745	2842.348
4	3837.745	2048.331
4	3814.730	1461.450
4	3780.207	1542.002
4	3515.535	1657.077
4	3308.400	1783.659
4	3158.803	1829.689
4	2917.146	1864.212
4	2940.161	2013.809
4	2790.564	2151.899
4	2330.265	2128.884
4	2353.280	2289.988
4	2387.802	2531.646
4	2468.354	2750.288
4	2514.384	3072.497
4	2663.982	3406.214
4	2710.012	3647.871
4	2767.549	3924.051
4	2905.639	4361.335
4	3009.206	4729.574
4	3066.743	4994.246
4	3158.803	5281.933
5	4056.387	5293.441
5	4608.746	5327.963
5	5253.165	5247.411
5	5978.136	5281.933
5	6852.704	5258.918
5	6967.779	5178.366
5	7002.301	4591.484
5	7071.346	3521.289
5	7094.361	2174.914
5	6806.674	2174.914
5	6323.360	2151.899
5	5448.792	2174.914
5	3883.774	2174.914
5	3895.282	2336.018
5	3883.774	2807.825
5	3814.730	2968.930
5	3872.267	3210.587
5	3860.759	3544.304
5	3883.774	3947.066
5	3826.237	4280.783
5	3883.774	4660.529
5	3883.774	5040.276
5	3883.774	5247.411
6	7059.839	5178.366
6	7048.331	4971.231
6	7094.361	4683.544
6	7082.854	4315.305

6	7128.884	3924.051
6	7105.869	3578.826
6	7128.884	3107.020
6	7128.884	2531.646
6	7105.869	2163.406
6	7255.466	2151.899
6	7577.675	2151.899
6	8026.467	2209.436
6	8498.274	2163.406
6	9165.708	2094.361
6	9579.977	2082.854
6	9948.216	2082.854
6	10316.456	2082.854
6	10535.098	2059.839
6	10512.083	2163.406
6	10546.605	2301.496
6	10489.068	2462.601
6	10420.023	2681.243
6	10350.978	2819.333
6	10304.948	2934.407
6	10281.933	3164.557
6	10235.903	3348.677
6	10143.843	3463.751
6	10155.351	3682.394
6	9959.724	3912.543
6	9936.709	4200.230
6	9867.664	4476.410
6	9810.127	4741.082
6	9614.499	4879.171
6	9476.410	5040.276
6	9464.902	5178.366
6	9292.290	5178.366
6	8855.006	5189.873
6	8406.214	5201.381
6	7658.228	5201.381
6	7071.346	5189.873
7	3978.185	2149.014
7	4391.996	2134.057
7	4860.650	2124.086
7	5334.289	2149.014
7	6032.284	2124.086
7	6829.992	2149.014
7	7144.090	2144.028
7	7478.130	2124.086
7	7767.299	2124.086
7	8061.454	2154.000
7	8375.552	2094.172
7	8983.804	2089.186
7	9238.074	2059.272
7	9646.899	2064.258
7	10225.238	2034.344
7	10569.249	2049.301
7	10663.977	2014.401
7	10668.963	1107.008
7	10604.149	982.366
7	10280.080	962.423
7	10270.109	1032.223
7	10180.367	1126.950
7	10105.581	1057.151
7	10080.653	753.025
7	10020.825	623.397
7	9941.054	673.254
7	9631.942	658.297
7	9631.942	1032.223

7	9417.558	1246.607
7	9233.088	1336.349
7	8669.707	1336.349
7	8609.879	1431.077
7	8310.738	1406.148
7	8211.024	1470.962
7	7981.683	1500.876
7	7792.228	1650.446
7	7547.929	1660.418
7	7463.173	1735.203
7	7064.319	1770.103
7	6989.534	1675.375
7	6869.877	1700.303
7	6849.935	1635.489
7	6745.236	1695.318
7	6545.808	1540.762
7	6461.052	1416.120
7	6211.768	1406.148
7	5409.074	1062.137
7	5399.103	907.581
7	5010.220	907.581
7	4930.449	862.710
7	4691.137	847.753
7	4312.225	1107.008
7	4047.985	1211.707
7	3943.285	1371.249
7	3798.701	1510.848
7	3823.629	2163.971

[SYMBOLS]

;;Gage	X-Coord	Y-Coord
053005	4079.402	6271.577

[BACKDROP]

FILE "C:\Users\mosymane\Desktop\CLASIC\Hydrology\SWMM\McClellands.jpg"

DIMENSIONS -4827.388 354.326 14827.388 9645.674